Figure 1-A

>2767646	GCCAGGAATA	ACTAGAGAGG	AACAATGGGG	TTATTCAGAG	GTTTTGTTTT
>774134		CTAGAGAGG	AACAATGGGG	TTATTCAGAG	GTTTTGTTTT
>774134IH		CTAGAGAGG	AACAATGGGG	TTATTCAGAG	GTTTTGTTTT
Consensus	GCCAGGAATA	ACTAGAGAGG	AACAATGGGG	TTATTCAGAG	GTTTTGTTTT
>2767646	CCTCTTAGTT	CTGTGCCTGC	TGCACCAGTC	AAATACTTCC	TTCATTAAGC
>774134	CCTCTTAGTT	CTGTGCCTGC	TGCACCAGTC	AAATACTTCC	TTCATTAAGC
>774134IH	CCTCTTAGTT	CTGTGCCTGC	TGCACCAGTC	AAATACTTCC	TTCATTAAGC
Consensus	CCTCTTAGTT	CTGTGCCTGC	TGCACCAGTC	AAATACTTCC	TTCATTAAGC
>2767646		TGGCTTTGAA			
>774134		TGGCTTTGAA			
>774134IH		TGGCTTTGAA			
Consensus	TGAATAATAA	TGGCTTTGAA	GATATTGTCA	TTGTTATAGA	TCCTAGTGTG
>2767646		TAAAAATAAT			
>774134		AAAAAATAAT			
>774134IH		TAATAAAAA			
Consensus	CCAGAAGATG	AAAAAATAAT	TGAACAAATA	GAGGATATGG	TGACTACAGC
>2767646		CTGTTTGAAG		AAGATTTTTT	T
>774134		CTGTTTGAAG			
>774134IH		CTGTTTGAAG			
Consensus	TTCTACGTAC	CTGTTTGAAG	CCACAGAAAA	AAGATTTTTT	TTCAAAAATG
>774134IH		AATTCCTGAG			
Consensus	TATCTATATT	AATTCCTGAG	AATTGGAAGG	AAAATCCTCA	GTACAAAAGG
					61 GG1 GGT1 G
>774134IH		AAAACCATAA			
Consensus	CCAAAACATG	AAAACCATAA	ACATGCTGAT	GTTATAGTTG	CACCACCTAC
		1010170110	C) ((1) (1) ((1) (1)	acrommerce.	CAATCTCCAC
>774134IH		AGAGATGAAC			GAATGTGGAG
Consensus	ACTCCCAGGT	AGAGATGAAC	CATACACCAA	GCAGITCACA	GAATGIGGAG
77412471	1031100003	ATTACATTCAC	TTC ACCCCTC	ACCUTE TO A CT	TGAAAAAAA
>774134IH		ATACATTCAC			
Consensus	AGAAAGGCGA	ATACATICAC	TICACCCCIG	ACCITCIACI	IOMMANA
>774134IH	CAAAAMCAAM	MCCACCACC	ACCCA A ACTC	mmmemee Ame	AGTGGGCTCA
					AGTGGGCTCA
Consensus	CAMMIUMI	AIGGACCACC	MOGCAMACIG	1110100110	10100001011
>774134IH	cerecearea	GGAGTGTTTG	ATTENETACION	TGAAGATCAG	CCTTTCTACC
Consensus		GGAGTGTTTG			
Consenaus	001000100	0010101110	Azono micra.	101210111	
>774134IH	GTGCTAAGTC	аааааааатс	GAAGCAACAA	GGTGTTCCGC	AGGTATCTCT
Consensus	CTCCTAACTC	DANADADATC	GAAGCAACAA	GGTGTTCCGC	AGGTATCTCT
Collegiada	·				
>774134IH	GGTAGAAATA	GAGTTTATAA	GTGTCAAGGA	GGCAGCTGTC	TTAGTAGAGC
Consensus					TTAGTAGAGC
Compensus	COLHOIDALA				

Figure 1-B

>774134IH	ATGCAGAATT	GATTCTACAA	CAAAACTGTA	TGGAAAAGAT	TGTCAATTCT
Consensus	ATGCAGAATT	GATTCTACAA	CAAAACTGTA	TGGAAAAGAT	TGTCAATTCT
>774134IH	TTCCTGATAA	AGTACAAACA	GAAAAAGCAT	CCATAATGTT	TATGCAAAGT
Consensus	TTCCTGATAA	AGTACAAACA	GAAAAAGCAT	CCATAATGTT	TATGCAAAGT
>774134IH	ATTGATTCTG		TTGTAACGAA		
>775437			NTGTAACGAA		
Consensus	ATTGATTCTG	TTGTTGAATT	TTGTAACGAA	AAAACCCATA	ATCAAGAAGC
>774134IH			AGTGCAATTT		
>775437			AGTGCAATTT AGTGCAATTT		
Consensus	TCCAAGCCTA	CAAAACATAA	AGTGCAATTT	TAGAAGTACA	TGGGAGGTGA
>774134IH	TITING CAN A TITIG	ma kaa kaamaa	AAAAACACCA	maccca recen	CACACCACCT
>775437			AAAAACACCA		
Consensus			AAAAACACCA		
>774134IH	CCTCCACCTG	TCTTCTCATT	GCTGAAGATC	AGTCAAAGAA	TTGTGTGCTT
>775437	CCTCCACCTG	TCTTCTCATT	GCTGAAGATC	AGTCAAAGAA	TTGTGTGCTT
Consensus	CCTCCACCTG	TCTTCTCATT	GCTGAAGATC	AGTCAAAGAA	TTGTGTGCTT
>774134IH			GCATGGGGG		
>775437	AGTTCTTGAT	AAGTCTGGAA	GCATGGGGGG		
>1281329				TAAGGACCGC	
Consensus	AGTTCTTGAT	AAGTCTGGAA	GCATGGGGG	TAAGGACCGC	CTAAATCGAA
>774134IH					
>//41341H >1281329			TTCCTGCTGC		
Consensus			TTCCTGCTGC		
Collsensus	TGAATCAAGC	AGCAAAACA1	1100160160	AGACIGIIGA	AAAIGGAICC
>774134IH	тесетесева	TOCTON ACTOR	TGATAGTACT	CCCACTATTG	TAAATAAGCT
>1281329			TGATAGTACT		
Consensus			TGATAGTACT		
>774134IH	AATCCAAATA	AAAAGCAGTG	ATGAAAGAAA	CACACTCATG	GCAGGATTAC
>1281329	AATCCAAATA	AAAAGCAGTG	ATGAAAGAAA	CACACTCATG	GCAGGATTAC
Consensus	AATCCAAATA	AAAAGCAGTG	ATGAAAGAAA	CACACTCATG	GCAGGATTAC
>774134IH			ACTTCCATCT		
>1281329	CTACATATCC	TCTGGGAGGA	ACTTCCATCT		
>1628677				GCTCTGGAAT	
Consensus	CTACATATCC	TCTGGGAGGA	ACTTCCATCT	GCTCTGGAAT	TAAATATGCA
>774134IH		TTGGAGAGCT	ACATTCCCAA	CTCGATGGAT	CCGAAGTACT
>1281329	TTTCAGGTGA				
>1628677			ACATTCCCAA		
Consensus	TTTCAGGTGA	TTGGAGAGCT	ACATTCCCAA	CTCGATGGAT	CCGAAGTACT

Figure 1-C

>774134IH	GCTGCTGACT	GATGGGGAGG	ATAACACTGC	AAGTTCTTGT	ATTGATGAAG
>1628677	GCTGCTGACT	GATGGGGAGG	ATAACACTGC	AAGTTCTTGT	ATTGATGAAG
Consensus	GCTGCTGACT	GATGGGGAGG	ATAACACTGC	AAGTTCTTGT	ATTGATGAAG
>774134IH		TGGGGCCATT			
>1628677		TGGGGCCATT			
Consensus	TGAAACAAAG	TGGGGCCATT	GTTCATTTTA	TTGCTTTGGG	AAGAGCTGCT
>774134IH	G10011G1G	TAATAGAGAT	G1GG11G1m1	1010010011	ama s mmmmm s
>//41341H >1628677		TAATAGAGAT			GICATTITA
Consensus		TAATAGAGAT			ርጥር አጥጥጥጥላ
consensus	CITTO LE COMO	IIIIIIIIIIIIII	ONCCIDIONIN	пслооноопл	oreal i i i i
>774134IH	TGTTTCAGAT	GAAGCTCAGA	ACAATGGCCT	CATTGATGCT	TTTGGGGCTC
Consensus	TGTTTCAGAT	GAAGCTCAGA	ACAATGGCCT	CATTGATGCT	TTTGGGGCTC
>774134IH		AAATACTGAT			
Consensus	TTACATCAGG	AAATACTGAT	CTCTCCCAGA	AGTCCCTTCA	GCTCGAAAGT
77412477	110001mm11	CACTGAATAG	ma a moreomore	1ma11aa1a1	cmama 3 m 3 3 m
>774134IH >1286372	AAGGGATTAA	CACTGAATAG	TAATGCCTGG	ATGAACGACA	AAT
Consensus	A ACCCATTA A	CACTGAATAG	та атсестое	ATTENACEACA	
COMPANISOR	AAGGGATTAA	CACIGARIAG	TARIGCCIGG	ATGAACGACA	CIGICAIAAI
>774134IH	TGATAGTACA	GTGGGAAAGG	ACACGTTCTT	TCTCATCACA	TGGAACAGTC
>1286372	TGATAGTACA	GTGGGAAAGG	NCACGTTCTT	TCTCATCACA	TGGAACAGTC
Consensus	TGATAGTACA	GTGGGAAAGG	ACACGTTCTT	TCTCATCACA	TGGAACAGTC
>774134IH		TATTTCTCTC			
>1286372		TATTTCTCTC			
Consensus	TGCCTCCCAG	TATTTCTCTC	TGGGATCCCA	GTGGAACAAT	AATGGAAAAT
>774134IH	TTCXCXCTCC	ATGCAACTTC	CAAAATGGCC	татете аста	TTCCAGGAAC
>1286372		ATGCAACTTC			
Consensus		ATGCAACTTC			
Combandad					
>774134IH	TGCAAAGGTG	GGCACTTGGG	CATACAATCT	TCAAGCCAAA	GCGAACCCAG
>1286372	TGCAAAGGTG	GGCACTTGGG	CATACAATCT	TCAAGCCAAA	GCGAACCC
Consensus	TGCAAAGGTG	GGCACTTGGG	CATACAATCT	TCAAGCCAAA	GCGAACCCAG
mm 44 2 4 TV	333C3MM33C	TATTACAGTA	1 cmmcmca 2 c	OLOGALL MING	mmememereem
>774134IH	AAACATTAAC	TATTACAGTA	ACTICICGAG		TTCTGTGCCT
>774419					TTCTGTGCCT
>774419IH Consensus	3.3.C.3.0003.3.C	TATTACAGTA	a connective e a c		
consensus	AAACA11AAC	INTINCAGIA	ACTICICGAG	CAGCAMATIC	
>774134IH	CCAATCACAG	TGAATGCTAA	AATGAATAAG	GACGTAAACA	GTTTCCCCAG
>774419	CCAATCACAG	TGAATGCTAA	ĀATGAATAAG	GACGTAAACA	GTTTCCCCAG
>774419IH	CCAATCACAG	TGAATGCTAA	AATGAATAAG	GACGTAAACA	GTTTCCCCAG
Consensus	CCAATCACAG	TGAATGCTAA	AATGAATAAG	GACGTAAACA	GTTTCCCCAG

Figure 1-D

>774134IH	CCCAATGATT	COMPACCIONO	AAATTCTACA	ACCATATCTA	CCTCTTCTTC
>774419			AAATTCTACA		
>774419IH			AAATTCTACA		
Consensus			AAATTCTACA		
Consensus	CCCAATGATT	GITIACGCAG	MAMIICIACA	AGGAIAIGIA	CCIGIICIIO
>774134IH	GAGCCAATGT	GACTGCTTTC	ATTGAATCAC	AGAATGGACA	TACAGAAGTT
>774419			ATTGAATCAC		
>774419IH			ATTGAATCAC		
Consensus			ATTGAATCAC		
>774134IH	TTGGAACTTT	TGGATAATGG	TGCAGGCGCT	GATTCTTTCA	AGAATGATGG
>774419	TTGGAACTTT	TGGATAATGG	TGCAGGCGCT	GATTCTTTCA	AGAATGATGG
>774419IH	TTGGAACTTT	TGGATAATGG	TGCAGGCGCT	GATTCTTTCA	AGAATGATGG
>3233118		G	TGCAGGCGCT	GATTCTTTCA	AGAATGATGG
Consensus	TTGGAACTTT	TGGATAATGG	TGCAGGCGCT	GATTCTTTCA	AGAATGATGG
>774134IH	AGTCTACTCC	AGGTATTTTA	CAGCATATAC	AGAAAATGGC	AGATATAGCT
>774419		AGGTATTTTA			
>774419IH			CAGCATATAC		
>3233118	AGTCTACTCC	AGGTATTTTA	CAGCATATAC	AGAAAATGGC	AGATATAGCT
Consensus	AGTCTACTCC	AGGTATTTTA	CAGCATATAC	AGAAAATGGC	AGATATAGCT
>774134IH			GGAGCAAACA		
>774419IH			GGAGCAAACA		
>3233118	TAAAAGTTCG	GGCTCATGGA	GGAGCAAACA	CTGCCAGGCT	AAAATTACGG
Consensus	TAAAAGTTCG	GGCTCATGGA	GGAGCAAACA	CTGCCAGGCT	AAAATTACGG
>774134IH	CCTCCACTGA	ATAGAGCCGC	GTACATACCA	GGCTGGGTAG	TGAACGGGGA
>774419IH	CCTCCACTGA	ATAGAGCCGC	GTACATACCA	GGCTGGGTAG	TGAACGGGGA
>3233118	CCTCCACTGA	ATAGAGCCGC	GTACATACCA	GGCTGGGTAG	TGAACGGGGA
Consensus	CCTCCACTGA	ATAGAGCCGC	GTACATACCA	GGCTGGGTAG	TGAACGGGGA
>774134IH			GACCTGAAAT		
>774419IH			GACCTGAAAT		
>3233118	AATTGAAGCA		GACCTGAAAT		
>2733923			GACCTGAAAT		
Consensus	AATTGAAGCA	AACCCGCCAA	GACCTGAAAT	TGATGAGGAT	ACTCAGACCA
>774134IH	common cos	mmma3.aac=3	ACAGCATCCG	ON COMPLEX MITT	memeemane a
>7741341H >7744191H			ACAGCATCCG		
			ACAGCATCCG	GAGGIGCATI	IGIGGIAICA
>3233118	CCTTGGAGGA				mamaama maa
>2733923			ACAGCATCCG		
Consensus	CCTTGGAGGA	TTTCAGCCGA	ACAGCATCCG	GAGG1GCATT	TGTGGTATCA
>774134IH	CAAGTCCCAA	GCCTTCCCTT	GCCTGACCAA	TACCCACCAA	GTCAAATCAC
>774419IH			GCCTGACCAA		
>2733923			GCCTGACCAA		
>906.605				TACCCACCAA	
Consensus	CAAGTCCCAA	GCCTTCCCTT	GCCTGACCAA		

Figure 1-E

>774134IH	AGACCTTGAT	GCCACAGTTC	ATGAGGATAA	GATTATTCTT	ACATGGACAG
>774419IH	AGACCTTGAT	GCCACAGTTC	ATGAGGATAA	GATTATTCTT	ACATGGACAG
>2733923		GCCACAGTTC			
>906605	AGACCTTGAT	GCCACAGTTN	ATGAGGATAA	GATTATTCTT	ACATGGACAG
Consensus	AGACCTTGAT	GCCACAGTTC	ATGAGGATAA	GATTATTCTT	ACATGGACAG
>774134IH	CACCAGGAGA	TAATTTTGAT	GTTGGAAAAG	TTCAACGTTA	TATCATAAGA
>774419IH	CACCAGGAGA	TAATTTTGAT	GTTGGAAAAG	TTCAACGTTA	TATCATAAGA
>2733923	CACCAGGAGA	TAATTTTGAT	GTTGGAAAAG	TTCAACGTTA	TATCA
>906605		TAATTTTGAT			
Consensus	CACCAGGAGA	TAATTTTGAT	GTTGGAAAAG	TTCAACGTTA	TATCATAAGA
>774134IH		GTATTCTTGA			
>774419IH		GTATTCTTGA			
>906605		GTATTCTTGA			
>2771475		GTATTCTTGA			
Consensus	ATAAGTGCAA	GTATTCTTGA	TCTAAGAGAC	AGTTTTGATG	ATGCTCTTCA
>774134IH		ACTGATCTGT			
>774419IH		ACTGATCTGT			
>906605		ACTGATCTGT			
>2771475		ACTGATCTGT			
Consensus	AGTAAATACT	ACTGATCTGT	CACCAAAGGA	GGCCAACTCC	AAGGAAAGCT
					oca camarimin
>774134IH		ACCAGAAAAT ACCAGAAAAT			
>774419IH					
>906605		ACCAGAAAAT ACCAGAAAAT			
>2771475	TTGCATTTAA	ACCAGAAAAT		ANAATGCAAC	
>1803247 Consensus	mmoca mmma a	ACCAGAAAAT			
Consensus	TIGCATTIAN	ACCAGAAAAT	ATCTCAGAAG	ANAMIGCAM	CCACATATTT
>774134IH	አጥጥረርር አጥጥ አ	AAAGTATAGA	таааассаат	ттсасатсаа	AAGTATCCAA
>7741341H		AAAGTATAGA			
>906605		AAAGTATAGA			
>2771475		AAAGTATAGA			
>1803247		AAAGTATAGA			
Consensus		AAAGTATAGA			
>774134IH	CATTGCACAA	GTAACTTTGT	TTATCCCTCA	AGCAAATCCT	GATGACATTG
>774419IH		GTAACTTTGT			
>2771475	CATTGCACAA	GTAACTTTGT	TTATCCCTCA	AGCAAATCCT	GATGACATTG
>1803247	CATTGCACAA	GTAACTTTGT	TTATCCCTCA	AGCAAATCCT	GATGACATTG
Consensus	CATTGCACAA	GTAACTTTGT	TTATCCCTCA	AGCAAATCCT	GATGACATTG
>774134IH		TACTCCTACT			
>774419IH		TACTCCTACT			
>1803247	ATCCTACTCC	TACTCCTACT			
>1737526			CCTACTCCTG		
Consensus	ATCCTACTCC	TACTCCTACT	CCTACTCCTG	ATAAAAGTCA	TAATTCTGGA

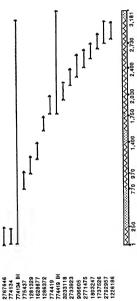
Figure 1-F

>774134IH	GTTAATATTT	CTACGCTGGT	ATTGTCTGTG	ATTGGGTCTG	TTGTAATTGT
>774419IH	GTTAATATTT	CTACGCTGGT	ATTGTCTGTG	ATTGGGTCTG	TTGTAATTGT
>1803247			ATTGTCTGTG		
>1737526			ATTGTCTGTG		TTGTAATTGT
>2792957					TTGTAATTGT
Consensus	GTTAATATTT	CTACGCTGGT	ATTGTCTGTG	ATTGGGTCTG	TTGTAATTGT
Consensus	012101010				
>774134IH	TAACTTTATT	TTAAGTACCA	CCATTTGAAC	CTTAACGAAG	AAAAAAATCT
>774419IH	TAACTTTATT	TTAAGTACCA	CCATTTGAAC	CTTAACGAAG	AAAAAAATCT
>1737526	TAACTTTATT	TTAAGTACCA	CCATTTGAAC	CTTAACGAAG	AAAAAAATCT
>2792957	TAACTTTATT	TTAAGTACCA	CCATTTGAAC	CTTAACGAAG	AAAAAAATCT
>1226186				G	AAAAAAATCT
Consensus	TAACTTTATT	TTAAGTACCA	CCATTTGAAC	CTTAACGAAG	AAAAAAATCT
>774134IH	TCAAGTAGAC	CTAGAAGAGA	GTTTTAAAAA	ACAAAACAAT	GTAAGTAAAG
>774419IH	TCAAGTAGAC	CTAGAAGAGA	GTTTTAAAAA	ACAAAACAAT	GTAAGTAAAG
>1737526	TCAAGTAGAC	CTAGAAGAGA	GTTTTAAAAA	ACAAAACAAT	GTAAGTAAAG
>2792957	TCAAGTAGAC	CTAGAAGAGA	GTTTTAAAAA	ACAAAACAAT	GTAAGTNAAG
>1226186	TCAAGTAGAC	CTAGAAGAGA	GTTTTAAAAA	ACAAAACAAT	GTAAGTAAAG
Consensus	TCAAGTAGAC	CTAGAAGAGA	GTTTTAAAAA	ACAAAACAAT	GTAAGTAAAG
>774134IH	GATATTTCTG	AATCTTAAAA	TTCATCCCAT	GTGTGATCAT	AAACTCATAA
>774419IH			TTCATCCCAT	GTGTGATCAT	AAACTCATAA
>1737526	GATATTTCTG	AAT			
>2792957	GATATTTCTG	AATCTTAAAA	TTCATCCCAT	GTGTGATCAT	AAACTCATAA
>1226186	GATATTTCTG	AATCTTAAAA	TTCATCCCAT	GTGTGATCAT	AAACTCATAA
Consensus	GATATTTCTG	AATCTTAAAA	TTCATCCCAT	GTGTGATCAT	AAACTCATAA
			AAAAGGATAC	mmmc v mm v v v	TANANACACT
>774134IH	AAATAATTT	AAGATGTCGG	AAAAGGATAC	TTTGATTAAA	TANAMACACT
>774419IH	AAATAATTT	AAGATGTCGG	AAAAGGATAC	TTTGATTAAA	TANANCACI
>2792957	AAATAATTT	AAGATGTCGG	AAAAGGATAC	TITGATIAAA	талаласаст
>1226186	AAATAATTI	AAGATGTCGG	AAAAGGATAC	TITGATIAAA	TAAAAACACT
Consensus	AAATAATTT	AAGATGTCGG	AAAAGGAIAC	IIIGAIIAA	17444444444
>774134IH	САТССАТАТС	TAAAAACTGT	CAAGATTAAA	ATTTAATAGT	TTCATTTATT
>7741341H	CATGGATATG	TAAAAACTGT	CAAGATTAAA	ATTTAATAGT	TTCATTTATT
>2792957	CATGGATATG	TAAAAACTGT	CAAGATTAAN	ATTTAATAGT	TTCATTTATT
>1226186	CATGGATATG	TAAAAACTGT	CAAGATTAAA	ATTTAATAGT	TTCATTTATT
Consensus	CATGGATATG	TAAAAACTGT	CAAGATTAAA	ATTTAATAGT	TTCATTTATT
				`	
>774134IH	TGTTATTTTA	TTTGTAAGAA	ATAGTGATGA	ACAAAGATCC	TTTTTCATAC
>774419IH	TGTTATTTTA	TTTGTAAGAA	ATAGTGATGA	ACAAAGATCC	TTTTTCATAC
>2792957	TGTTATTTTA	TTTGTAAGAN	ATAGTGATGA	ACAAAGA	
>1226186	TGTTATTTTA	TTTGTAAG			
Consensus	TGTTATTTTA	TTTGTAAGAA	ATAGTGATGA	ACAAAGATCC	TTTTTCATAC
>774134IH	TGAT				
>774419IH	TGATACCTGG	TTGTATATTA	TTTGATGCAA	CAGTTTTCTG	AAATGATATT
Consensus	TGATACCTGG	TTGTATATTA	TTTGATGCAA	CAGTTTTCTG	AAATGATATT
>774419IH	TCAAATTGCA	TCAAGAAATT	AAAATCATCT	ATCTGAGTAG	TCAAAATACA
Consensus	TCAAATTGC	TCAAGAAATI	AAAATCATCI	ATCTGAGTAG	TCAAAATACA

Figure 1-G

>774419IH Consensus AGTAAAGGAG AGCAAATAAA CAACATTTGG A







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